

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- 2024

M.Sc.- 3rd Semester (BT)

COURSE CODE(CREDITS): 20MS1BT315 (2)

MAX. MARKS: 25

COURSE NAME: IPR Bioethics& Biosafety

COURSE INSTRUCTORS: Dr Hemant Sood

MAX. TIME: 1Hr 30Min.

Note: (a) All questions are compulsory.

(b) The candidate is allowed to make Suitable numeric assumptions wherever required for solving problems

Q.No	Question	CO	Marks
Q1	How IP cell is helpful in strategizing innovations in R&D institutes? Explain the role of different factors in filling Intellectual Property Protections on GM Plant named <i>HR_Picrorhiza</i> developed for treating insects and pests in the biotechnology lab of JUIT. Which bioethical considerations are required to be taken care for the release of the same variety and why?	CO5	6
Q2	What could be the strategy for developing a business having IP as a value addition for developing new millet bread with a Trade secret of 5 herbs as flavoring components prepared in JUIT and how you can commercialize it? How do different sections of IPR management help in converting this idea into business for developing an asset for JUIT?	CO6	6
Q3	How do Trade secrets and Compulsory Licensing deviate from the prerequisite of Intellectual property Protection? How you would like to utilize these IPs for generating revenue? Cite an example to justify the same.	CO1&2	4
Q4	How does the higher education institutions creating the environment for supporting the innovations and inventions under Intellectual property protections? Explain the structure and functioning of that respective IP body and also mention their role when any Traditional knowledge or Biodiversity aspects become a part of that invention.	CO4	5
Q5	How you can protect the products specified by the characteristics of particular geography? Do you think its registration is required for protecting it from infringement ? Explain by citing an example.	CO3	4